

(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **2000085241 A**

(43) Date of publication of application: **28.03.00**

(51) Int. Cl. **B41M 5/00**
B05D 5/04

(21) Application number: **10255269**

(71) Applicant: **FUJI PHOTO FILM CO LTD**

(22) Date of filing: **09.09.98**

(72) Inventor: **AONO TOSHIKI**

(54) **PREPARATION OF IMAGE RECEIVING
MATERIAL FOR INK JET**

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a preparing method for an image receiving material for ink jet wherein the image receiving material for ink jet which has a plus charge on the surface, and also, has a high ink absorbing property due to an image receiving layer of a high porosity, and is excellent in the dyeing property of a coloring matter, can be easily manufactured without requiring complicated procedures.

SOLUTION: This preparation method has a process wherein an image receiving layer coating liquid containing an inorganic oxide particle, a binder

polymer, and a volatile base, is prepared, a process wherein the image receiving layer coating liquid is applied on a supporting body and an image receiving layer coating liquid layer is formed, and a process wherein the image receiving layer coating liquid layer is dried, and the volatile base is removed together with a dispersion medium, the inorganic oxide particle is fixed with the binder polymer, and an image receiving layer having a porous structure which has a plus charge on the surface, is formed on the supporting body. The pH of the image receiving layer coating liquid is preferably prepared to be in the vicinity of the isoelectric point of the inorganic oxide particle.

COPYRIGHT: (C)2000,JPO